UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS

P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

36736

7590

06/01/2007

DUKE W. YEE YEE & ASSOCIATES, P.C. P.O. BOX 802333 **DALLAS, TX 75380**

EXAMINER

PUENTE, EMERSON C

ART UNIT

PAPER NUMBER

2113

DATE MAILED: 06/01/2007

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/632,062	07/31/2003	Michel Betancourt	RSW920030145US1	2039	

TITLE OF INVENTION: AUTOMATED HANG DETECTION IN JAVA THREAD DUMPS

APPLN, TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	09/04/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN <u>THREE MONTHS</u> FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B -Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Account of the commission o

or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

Fee(s) Transmittal. This certificate cannot be used for any other accompany papers. Each additional paper, such as an assignment or formal drawing, m have its own certificate of mailing or transmission. Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsin transmitted to the USPTO (571) 273-2885, on the date indicated below. (Depositor's nar (Signature)	maintenance fee notifica	itions.						rate "FEE ADDRESS" for	
DUKE W. YEE YEE & ASSOCIATES, P.C. P.O. BOX 802333 DALLAS, TX 75380 Description of the properties o	CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)				Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompanyi papers. Each additional paper, such as an assignment or formal drawing, mhave its own certificate of mailing or transmission.				
States Festal Service with Sen State festal services with Sen State fest address and in an envel addressed to the Sentential Sen ISSUE FEB address above, or being facing to the United States and In an envel addressed to the USPTO (571) 273-2855, on the date indicated below. Components of Components o			/2007		Се	rtificate	e of Mailing or Trans	mission	
APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/632,062 07/31/2003 Michel Betancourt RSW920030145US1 2039 TITLE OF INVENTION: AUTOMATED HANG DETECTION IN JAVA THREAD DUMPS APPLIN. TYPE SMALL ENTITY ISSUE FEE DUE PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO \$1400 \$300 \$0 \$1700 09/04/2007 EXAMINER ART UNIT CLASS SUBCLASS PUENTE, EMERSON 2113 714-038000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.53) Change of correspondence address or change of Correspondence Address from PTO/SB/122) attached. 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents of the page of correspondence address from PTO/SB/122) attached. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed recordation as as torint in 37 CFR 3.11. Comploition of this form is NO 3 assignee data will appear on the patent. If an assignee is identified below, the document has been filed recordation as as torint in 37 CFR 3.11. Comploition of this form is NO 3 assignee data will appear on the patent. If an assignee is identified below, the document has been filed recordation as as torint in 37 CFR 3.11. Comploition of this form is NO 3 assignee data will appear on the patent. If an assignee is identified below, the document has been filed recordation as as torin in 37 CFR 3.11. Comploition of this form is NO 3 assignee data will appear on the patent. If an assignment is a substitute for ling an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Corporation or other patry interest as shown by the records of the United States Pate				I	I hereby certify that this Fee(s) Transmittal is being deposited with the Un States Postal Service with sufficient postage for first class mail in an envel				
APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/632,062 07/31/2003 Michel Betancourt RSW920030145US1 2039 TITLE OF INVENTION: AUTOMATED HANG DETECTION IN JAVA THREAD DUMPS APPLIN. TYPE SMALL ENTITY ISSUE FEE DUE PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO \$1400 \$300 \$0 \$1700 09/04/2007 EXAMINER ART UNIT CLASS SUBCLASS PUENTE, EMERSON 2113 714-038000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.53) Change of correspondence address or change of Correspondence Address from PTO/SB/122) attached. 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents of the page of correspondence address from PTO/SB/122) attached. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed recordation as as torint in 37 CFR 3.11. Comploition of this form is NO 3 assignee data will appear on the patent. If an assignee is identified below, the document has been filed recordation as as torint in 37 CFR 3.11. Comploition of this form is NO 3 assignee data will appear on the patent. If an assignee is identified below, the document has been filed recordation as as torint in 37 CFR 3.11. Comploition of this form is NO 3 assignee data will appear on the patent. If an assignee is identified below, the document has been filed recordation as as torin in 37 CFR 3.11. Comploition of this form is NO 3 assignee data will appear on the patent. If an assignment is a substitute for ling an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Corporation or other patry interest as shown by the records of the United States Pate		•		a t	ddressed to the Ma	l Stop	ISSUE FEE address 1) 273-2885, on the di	above, or being facsimile	
APPLICATION NO. FILING DATE FIRST NAMED INVESTIOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/632,062 07/31/2003 Michel Betancourt RSW920030145US1 2039 TITLE OF INVENTION: AUTOMATED HANG DETECTION IN JAVA THREAD DUMPS APPLN. TYPE SMALL ENTITY ISSUE FEE DUE PUBLICATION FEB DUE PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO S1400 \$300 \$0 \$1700 09/04/2007 EXAMINER ART UNIT CLASS-SUBCLASS PUENTE, EMERSON C 2113 714-038000 1. Change of correspondence address or indication of "Fee Address" 1/34-038000 1. Change of correspondence address or indication of "Fee Address" 1/34-038000 1. Change of correspondence address (or Change of Correspondence Address' indication (or "Fee Address" indication for manes of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 3 registered patent attorneys or agents of the particular of the p				ſ			1,2,0 2000, 011 1110 11	-	
APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/632,062 07/31/2003 Michel Betancourt RSW920030145US1 2039 TITLE OF INVENTION: AUTOMATED HANG DETECTION IN JAVA THREAD DUMPS APPLN. TYPE SMALL ENTITY ISSUE FEE DUE PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(s) DUE DATE DUE nonprovisional NO \$1400 \$300 \$0 \$1700 09/04/2007 EXAMINER ART UNIT CLSS-SUBCLASS PUENTE, EMERSON C 2113 714-038000 1. Change of correspondence address or indication of "Fee Address" (37 CR 1,53). 1. Change of correspondence address or indication of "Fee Address" (37 CR 1,53). 1. Change of correspondence address or indication of "Fee Address" (18) (2) the name of a single firm (having as a member a registered patent attorneys or agents, If no name is 18 and the names of up to 2 registered patent attorneys or agents. If no name is 2 are significant on me will be printed and the names of up to 2 are significant on me will be printed and the names of up to 2 are significant on me will be printed and the names of up to 3 and the names of up to 3 are significant on me will be printed and the names of up to 3 are significant on a set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for fling an assignment. 2) The printed patent attorneys or agents. If no name is 3 are printed to the patent of the patent of Fee(s) are submitted: (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government of the patent of Fee(s) are submitted: (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee or categories (will not be printed on the patent): Individual Corporation or other private group entity overpayment, to Deposit Account Number (enclose an extra copy of this form overpayment, to Deposit Account Number (enclose an extra copy of this form overpayment, to Deposit Account Number (enclose an extra cop				<u> </u>				(Signature)	
10/632,062				ļ				(Date)	
APPLN. TYPE SMALL ENTITY ISSUE FEE DUE PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO \$1400 \$300 \$0 \$1700 09/04/2007 EXAMINER ART UNIT CLASS-SUBCLASS. PUENTE, EMERSON C 2113 714-038000 1. Change of correspondence address or indication of "Fee Address" (37 CPR I.563). — "Pee Address" indication (or "Fee Address" Indication form PTO/SB/122) attached. — "Pee Address" indication (or "Fee Address" Indication form PTO/SB/123) tatached. — "Pee Address" indication (or "Fee Address" Indication form PTO/SB/123) tatached. — "Pee Address" indication (or "Fee Address" Indication form PTO/SB/123) tatached. — "Pee Address" indication (or "Fee Address" Indication form PTO/SB/123) tatached. — "Pee Address" indication (or "Fee Address" Indication form PTO/SB/123) tatached. — "Pee Address" indication (or "Fee Address" Indication form PTO/SB/123) tatached. — "Pee Address" indication (or "Fee Address" Indication form PTO/SB/123) tatached. — "Pee Address" indication (or "Fee Address" Indication form PTO/SB/123) tatached. — "Pee Address" indication (or "Fee Address" Indication form PTO/SB/123) tatached. — "Pee Address" indication (or "Fee Address" Indication form PTO/SB/123) tatached. — "Pee Address" indication (or "Fee Address" Indication form PTO/SB/123) tatached. — "Pee Address" indication as self or this 72 or agents. If no name is 1 are 1 and 1 a	APPLICATION NO.	FILING DATE		FIRST NAMED INVENT	OR	АТТО	RNEY DOCKET NO.	CONFIRMATION NO.	
APPLN. TYPE SMALL ENTITY ISSUE FEE DUE PUBLICATION FEE DUE PREV. FAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO \$1400 \$300 \$0 \$1700 09/04/2007 EXAMINER ART UNIT CLASS-SUBCLASS PUENTE, EMERSON C 2113 714-038000 1. Change of correspondence address or indication of "Fee Address" (37 CPR 1.563). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. Change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached. "Fee Address" indication for "Fee Address" Indication form PTO/SB/123) attached. "Fee Address" indication for "Fee Address" Indication form PTO/SB/123) attached. "Fee Address" indication for "Fee Address" Indication form PTO/SB/123) attached. "Substitute of PTO/SB/123 and the manuscript of a single firm flavoring as a member a 2 registered patent attorneys or agents. If no name is 1 sidentified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed recordation as set forth in 37 CPR 3.11. Completion of this form is NOT a substitute for filing an assignmen. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government of Fee(s) are submitted: Size Fee George of Correspondence address or indication form or other private group entity Government of Fee(s) are submitted: Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) A check is enclosed. Publication Fee (No small entity discount permitted) Publication Fee (No small entity	10/632,062	07/31/2003	•	Michel Betancourt		RS	W920030145US1	2039	
nonprovisional NO \$1400 \$300 \$0 \$1700 09/04/2007 EXAMINER ART UNIT CLASS-SUBCLASS. PUENTE, EMERSON C 2113 714-038000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563). Change of correspondence address or indication of "Fee Address" (37 CFR 1.563). Change of correspondence address (or Change of Correspondence Address from PTO/SB/12) attached. Change of correspondence address (or Change of Correspondence Address from PTO/SB/12) attached. (37 CFR 1.563). Change of correspondence address (or Change of Correspondence Address from PTO/SB/12) attached. (48 CFR 1.663). Change of correspondence address (or Change of Correspondence Address from PTO/SB/12) attached. (59 CFR 1.663). Change of correspondence address (or Change of Correspondence Address from PTO/SB/12) attached. (69 CFR 1.663). Change of correspondence address or indication form PTO/SB/12) attached. (79 CFR 1.663). Change of correspondence address or indication form provided in the patent of a single firm (having as a member a registered attorney or agent) and the mame of a single firm (having as a member a registered attorney or agent) and the name of a single firm (having as a member a registered attorney or agent) and the name is 3. Change of correspondence address (or Change of Correspondence Address from PTO/SB/12). A change of correspondence address (or Change of Correspondence address from PTO/SB/12). A change of correspondence address (or Change of a Customer PTO/SB/12). A check is enclosed. (19 CFR 1.11).	TITLE OF INVENTION	I: AUTOMATED HANC	DETECTION IN JAVA	THREAD DUMPS					
nonprovisional NO \$1400 \$300 \$0 \$1700 09/04/2007 EXAMINER ART UNIT CLASS-SUBCLASS. PUENTE, EMERSON C 2113 714-038000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563). Change of correspondence address or indication of "Fee Address" (37 CFR 1.563). Change of correspondence address (or Change of Correspondence Address from PTO/SB/12) attached. Change of correspondence address (or Change of Correspondence Address from PTO/SB/12) attached. (37 CFR 1.563). Change of correspondence address (or Change of Correspondence Address from PTO/SB/12) attached. (48 CFR 1.663). Change of correspondence address (or Change of Correspondence Address from PTO/SB/12) attached. (59 CFR 1.663). Change of correspondence address (or Change of Correspondence Address from PTO/SB/12) attached. (69 CFR 1.663). Change of correspondence address or indication form PTO/SB/12) attached. (79 CFR 1.663). Change of correspondence address or indication form provided in the patent of a single firm (having as a member a registered attorney or agent) and the mame of a single firm (having as a member a registered attorney or agent) and the name of a single firm (having as a member a registered attorney or agent) and the name is 3. Change of correspondence address (or Change of Correspondence Address from PTO/SB/12). A change of correspondence address (or Change of Correspondence address from PTO/SB/12). A change of correspondence address (or Change of a Customer PTO/SB/12). A check is enclosed. (19 CFR 1.11).									
nonprovisional NO \$1400 \$300 \$0 \$1700 09/04/2007 EXAMINER ART UNIT CLASS-SUBCLASS. PUENTE, EMERSON C 2113 714-038000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563). Change of correspondence address (or Change of Correspondence Address from PTO/SB/12) attached. Change of correspondence address (or Change of Correspondence Address from PTO/SB/12) attached. (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 3 registered attorney or agent) and the names of up to 1 stock, no name will be printed. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignce is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government of Fee (No small entity discount permitted) Ab. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) Ab. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy) of this form interest as shown by the records of the United States Patent and Trademark Office. Authorized Signature Date Typed or printed name Registration No.									
PUENTE, EMERSON C 2113 714-038000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563). Change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached. "Fee Address" indication for "Fee Address" Indication form PTO/SB/122) attached. Use of a Customer Number is required. "Fee Address" indication for "Fee Address" Indication form PTO/SB/122) attached. Use of a Customer Number is required. "Steep Address" indication for "Fee Address" Indication form PTO/SB/122) attached. Use of a Customer Number is required. "Steep Address" indication for "Fee Address" Indication form PTO/SB/122) attached. Use of a Customer Number is required. "Steep Address" indication for "Fee Address" Indication form PTO/SB/122) attached. Use of a Customer Number is required. "Steep Address" indication for "Fee Address" Indication form provided in the names of up to 3 registered patent attorneys or agents. If no name is 1 listed, no name will be printed. "Steep Address" indication for the patent provided provided in the names of up to 3 registered patent attorneys or agents. If no name is 1 listed, no name will be printed. "Steep Address" indication for the patent printed provided in the patent printed. It is a assignee is identified below, the document has been filed recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. "George Address" indication for the patent printed. "George Address" indication of this form is NOT a substitute for filing an assignment. "George Address" indication fee (See Shown above) "George Address and Publication Fee (See Shown above) "George Address and Publication F	APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DU	PREV. PAID ISSU	E FEE	TOTAL FEE(S) DUE	DATE DUE	
PUENTE, EMERSON C 2113 714-038000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address from PTOVSB/122) attached. Change of correspondence address (or Change of Correspondence Address from PTOVSB/122) attached. Change of correspondence address (or Change of Correspondence Address from PTOVSB/122) attached. Change of correspondence address (or Change of Correspondence Address from PTOVSB/122) attached. Change of correspondence address (or Change of Correspondence Address from PTOVSB/122) attached. Change of correspondence address (or Change of Correspondence Address from PTOVSB/122) attached. Change of correspondence address (or Change of Correspondence Address from PTOVSB/122) attached. Change of correspondence address (or Change of Correspondence Address from PTOVSB/122) attached. Change of correspondence address (or Change of Correspondence Address from PTOVSB/122) attached. Change in Change of correspondence address (or Change of Correspondence Address from PTOVSB/122) attached. Change in Change of Correspondence address (or Change of Correspondence Address from PTOVSB/122) attached. Change in Change of Correspondence address (or Change of Correspondence Address from PTOVSB/122) attached. Change in Change of Correspondence address (or Change of Correspondence at Change in Change	nonprovisional	NO	\$1400	\$300	\$0		\$1700	09/04/2007	
1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/122) attached. Use of a Customer Number is required. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/147; Rev 03-02 or more recent) attached. Use of a Customer Number is required. "Assignee Name AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) 2 registered patent attorneys or agents. If no name is listed, no name will be printed. "Assignee Name AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) 3 and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. "Assignee Name AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) 2 registered patent attorneys or agents. If no name is listed, no name will be printed. "Bread PATENT (print or type) 3 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 3 registered patent attorneys or agents. If no name is listed, no name will be printed or type. 2 registered patent attorneys or agents. If no name is 2 registered patent attorneys or agents. If no name is 2 registered attorneys or agents. If no name is 3 registered attorneys or agents. If no name is 3 registered attorneys or agents. If no name is 2 registered attorneys or agents. If no name is 3 registered attorneys or agents. If no name is 3 registered attorneys or agents is dentified below, the document has been filed recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. 4 Patent PATENT (print or type) 4 Patent or type	EXAM	IINER	ART UNIT	CLASS-SUBCLASS					
Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. Change of Correspondence Address from PTO/SB/122) attached. Change of Correspondence Address from PTO/SB/122) attached. Change of Correspondence Address from PTO/SB/1422 Change of a Customer Change of Correspondence Address from PTO/SB/1422 Change of a Customer Change of Correspondence Address from PTO/SB/142 Change of a Single firm (having as a member a registered attorneys or agents. If no name is listed, no name will be printed to 2 registered patent attorneys or agents. If no name is listed, no name will be printed to 2 registered patent attorneys or agents. If no name is listed, no name will be printed to 1 registered patent attorneys or agents. If no name is listed, no name will be printed to 1 registered patent attorneys or agents. If no name is listed, no name will be printed to 1 registered patent attorneys or agents. If no name is listed, no name will be printed to 1 registered patent attorneys or agents. If no name is listed, no name will be printed to 1 registered patent attorneys or agents. If no name is listed, no name will appear on the patent. If an assignee is identified below, the document has been filed recordation as set forth in 37 CPR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government. 4a. The following fee(s) are submitted: A b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)	PUENTE, E	MERSON C	2113	714-038000					
Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. Change of Correspondence Address form PTO/SB/122) attached. Change of Correspondence Address form PTO/SB/122) attached. Change of Correspondence Address form PTO/SB/147; Rev 03-02 or more recent) attached. Use of a Customer Number is required. Change of Correspondence Address form PTO/SB/147; Rev 03-02 or more recent) attached. Use of a Customer Number is required. Change of Correspondence Address form PTO/SB/147; Rev 03-02 or more recent) attached. Use of a Customer Number is required. Change of Correspondence Address form PTO/SB/147; Rev 03-02 or more recent) attached. Use of a Customer Number is required. Change of Correspondence Address from PTO/SB/147; Rev 03-02 or more recent) attached. Change of Correspondence Address from PTO/SB/147; Rev 03-02 or more recent) attached. Change of Correspondence Address from PTO/SB/147; Rev 03-02 or more recent) attached. Change of Correspondence and the patent of the patent is consistent attached. Change of Correspondence and the patent is consistent attached. Change of Correspondence and the patent is consistent attached. Change of Correspondence and the patent is consistent attached. Change of Correspondence and the patent is consistent attached. Change of Correspondence and the patent is consistent attached. Change of Cha	1. Change of correspond	ence address or indicatio	n of "Fee Address" (37	2. For printing on th	e patent front page, li	st			
Fee Address' indication (or "Fee Address' Indication form PTO/SBJA?", Rev 03-02 or more recent) attached. Use of a Customer Number Is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government of the following fee(s) are submitted: A check is enclosed. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) A check is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form overpayment, to Deposit Account Number (enclose an extra copy of this form 1.27). A poplicant claims SMALL ENTITY status. See 37 CFR 1.27. A poplicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party interest as shown by the records of the United States Patent and Trademark Office. Authorized Signature				(1) the names of up to 3 registered patent attorneys					
PIO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 2 registered patent attorneys or agents. If no name is 3 2 registered patent attorneys or agents. If no name is 3 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government of Fec(s): (Please first reapply any previously paid issue fee shown above) Issue Fee Publication Fee (No small entity discount permitted) Advance Order - # of Copies Playment by credit card. Form PTO-2038 is attached. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form overpayment, to Deposit Account Number (enclose an extra copy of this form any overpayment). S. Change in Entity Status (from status indicated above) A Applicant claims SMALL ENTITY status. See 37 CFR 1.27(g)(2). NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party interest as shown by the records of the United States Patent and Trademark Office. Authorized Signature Date Typed or printed name Registration No. 2 registered patent attorney agents. If an assignee is identified below, the document has been filed to a will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party interest as shown by the records of the United S				(2) the name of a single firm (having as a member a 2					
PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent):	PTO/SB/47; Rev 03-0)2 or more recent) attach	ed. Use of a Customer	2 registered patent a	ttorneys or agents. If	no nam			
PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent):	3. ASSIGNEE NAME A	ND RESIDENCE DATA	A TO BE PRINTED ON	I THE PATENT (print or	type)				
(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent):	PLEASE NOTE: Unl	less an assignee is ident	ified below, no assignee	data will appear on the	natent If an assion	ee is ic	lentified below, the do	cument has been filed for	
Please check the appropriate assignee category or categories (will not be printed on the patent):			bletion of this form is NO	_	•	דאו וס־	DV)		
4a. The following fee(s) are submitted: Issue Fee	(1) 11111111111111111111111111111111111	C.,,,,,		(b) RESIDENCE. (CI	II and STATE OR	COUNT	KI)		
4a. The following fee(s) are submitted: Issue Fee									
□ Issue Fee □ A check is enclosed. □ Publication Fee (No small entity discount permitted) □ Payment by credit card. Form PTO-2038 is attached. □ Advance Order - # of Copies □ □ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number □ (enclose an extra copy of this form 5. Change in Entity Status (from status indicated above) □ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. □ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party interest as shown by the records of the United States Patent and Trademark Office. Authorized Signature □ Date □ Registration No. □ Registration No. □	Please check the appropr	iate assignee category or	categories (will not be pr	inted on the patent):	☐ Individual ☐ C	orporati	on or other private gro	up entity Government	
Publication Fee (No small entity discount permitted) Advance Order - # of Copies		are submitted:	48	~~~		ny prev	iously paid issue fee s	hown above)	
Advance Order - # of Copies		Io amall antitu diagonat a							
overpayment, to Deposit Account Number	Advance Order -	# of Copies	ermited)	☐ The Director is her	by authorized to cha	rge the	required fee(s), any def	iciency, or credit any	
a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party interest as shown by the records of the United States Patent and Trademark Office. Authorized Signature				overpayment, to De	posit Account Numb	ег	(enclose ar	extra copy of this form).	
NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party interest as shown by the records of the United States Patent and Trademark Office. Authorized Signature				☐ h Applicant is no l	onger claiming SMA	II FN	FITV ctatus See 37 CE	P 1 27(a)(2)	
Authorized Signature Date Typed or printed name Registration No	NOTE: The Issue Fee an	d Publication Fee (if requ	uired) will not be accepted	d from anyone other tha					
Typed or printed name Registration No					_				
		•							
This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to proce an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, a submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.									
DOX 1430 APEXBODIS VICONIS // CLALIANI THE NOTE SENSE FEBRUARY COMPLETED CODING TO THIC ADDRESS CENTURY TO, Camallalla and Cambridge Box 14 Property and Camallalla and Camalla and Camallalla and Camalla and Camall	This collection of inform an application. Confident submitting the completed this form and/or suggesting Nov 1450. Alexandric V.	ation is required by 37 C tiality is governed by 35 d application form to the ons for reducing this but firging 22313-1450	FR 1.311. The informatic U.S.C. 122 and 37 CFR USPTO. Time will vary den, should be sent to the	on is required to obtain of 1.14. This collection is depending upon the ine Chief Information Off	or retain a benefit by estimated to take 12 dividual case. Any colorer, U.S. Patent and	he publ minutes mment Traden	ic which is to file (and to complete, including s on the amount of time ark Office, U.S. Depa	by the USPTO to process, gathering, preparing, and the you require to complete rtment of Commerce, P.O.	

PTOL-85 (Rev. 07/06) Approved for use through 05/31/2007.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/632,062 07/31/2003		Michel Betancourt	RSW920030145US1	2039	
36736 75	590 06/01/2007		EXAM	INER	
DUKE W. YEE		PUENTE, EMERSON C			
YEE & ASSOCIA	•		ART UNIT	PAPER NUMBER	
P.O. BOX 802333 DALLAS, TX 753			2113 DATE MAILED: 06/01/200	7	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 734 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 734 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.